npb_npds/a8045.09/Table 4-2.xlsx

Group 3 Verified Impaired Waters in the Palm Beach Coast / Lake Worth Lagoon Basin Table 4-2

3242B	3242	3242	3256D	3256D	3256B	3256B	3262D	3262B	3262	WBID
C-17	C-17	C-17	C-16	C-16	C-16	C-16	C-15	C-15	C-15	Planning Unit
M-Canal (East)	C-17 Segment	C-17 Segment	E-4 Canal	E-4 Canal	Boynton Canal	Boynton Canal	E-3 Canal	E-1 Canal	E-4 Canal	Waterbody
Dissolved Oxygen	Nutrients (Chlorophyll-a)	Dissolved Oxygen	Nutrients (Chlorophyll-a)	Dissolved Oxygen	Nutrients (Chlorophyll-a)	Dissolved Oxygen	Nutrients (Chlorophyll-a)	Nutrients (Chlorophyll-a)	Nutrients (Chlorophyll-a)	Parameters of Concern
Medium	Medium	2010	2010	Medium	2010	2010	2010	Medium	Medium	Priority for TMDL Development
BOD was found to be the causative pollutant.	The annual average value did exceed the threshold in 2006 and 2008. TN-TP were identified as co-limiting nutrients	BOD was found to be the causative pollutant.	The annual average Chl-a value exceeded the IWR threshold of 20.0 ug/L in 2008. TN-TP were identified as co-limiting nutrients.	BOD was found to be the causative pollutant.	The annual average Chl-a value did exceed the threshold of 20 ug/l in 2002, 2004, 2007, and 2008. TN and TP were identified as the co-limiting nutrient.	BOD was found to be the causative pollutant.	The annual average Chl-a value exceeded the IWR threshold of 20.0 ug/L in 2002, 2007, and 2008. TN was identified as the limiting nutrient.	The annual average Chl-a value exceeded the IWR threshold of 20.0 ug/L in 2005, 2007, and 2008. TN was identified as the limiting nutrient.	The annual average Chl-a value exceeded the Impaired Water Rule (IWR) threshold of 20.0 ug/L in 2002 and 2008. TN was identified as the limiting nutrient.	Concentration/Comment

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Planning Unit C-51 C-51 C-51C-51 C-51 C-51 C-51C-51 C-51 Group 3 Verified Impaired Waters in the Palm Beach Coast / Lake Worth Lagoon Basin M Canal (West) Waterbody Lake Clarke Clear Lake C-51 West Pine Lake Pine Lake Pine Lake C-51 East C-51 East Dissolved Oxygen **Nutrients (Historic Nutrients (Historic** Dissolved Oxygen Dissolved Oxygen Chlorophyll-a) Nutrients (TSI) Fecal Coliform Fecal Coliform Parameters of Fecal Coliform Nutrient (TSI) Concern Table 4-2 **Priority for TMDL** Development Medium Medium 2010 2010 2010 High Low High MoT One TSI annual mean exceeded the threshold. TP was BOD was found to be the causative pollutant. BOD was found to be the causative pollutant. One TSI annual mean exceed the threshold. TN-TP were BOD was found to be the causative pollutant. identified as the limiting nutrient Impaired based on the number of exceedences consecutive years. TN-TP were identified as the cominmum historical average by more than 50% in two 20 ug/L in 2007. TN-TP were identified as co-limiting identified as co-limiting nutrients. Impaired based on the number of exceedences nutrients. The annual Chl-a value exceeded the listing threshold of Impaired based on the number of exceedences The annual Chl-a average (8.16 mg/L) exceeded the Concentration/Comment

3245C4

3245C4

3245D

3245F

3245C4

3245C2

3245B

WBID

3264

Hillsboro Canal

Hillsboro Canal

Chlorophyll-a)

Medium

limiting nutrients.

3245G

3245F

Group 3 Verified Impaired Waters in the Palm Beach Coast / Lake Worth Lagoon Basin Table 4-2

The annual average value did exceed the 20 ug/L threshold in 2007. TN-TP were identified as the colimiting nutrients.	High	Nutrients (Chlorophyll-a)	L-8	L-8	3233A
The annual Chl-a average exceeded the minimum historical average (3.49 mg/L) by more than 50% in two consecutive years. TN-TP were identified as co-limiting nutrients.	Medium	Nutrients (Historic Chlorophyll-a)	ICCW Above Pompano	Intracoastal	3226F
Beach advisories ≥ 21 days/yr in 2004 and 2005.	High	Bacteria (Beach Advisory)	Phil Foster	Intracoastal	3226EB
BOD was found to be the causative pollutant.	2010	Dissolved Oxygen	E-4 Canal	Hillsboro Canal	3264D
The annual average Chl-a value exceeded the IWR threshold of 20.0 ug/L in 2003 and 2008. TN was identified as the limiting nutrient.	2010	Nutrients (Chlorophyll-a)	E-1 Canal	Hillsboro Canal	3264A
Impaired based on the number of exceedences	2010	Fecal Coliform	E-1 Canal	Hillsboro Canal	3264A
BOD was found to be the causative pollutant.	2010	Dissolved Oxygen	E-1 Canal	Hillsboro Canal	3264A
Concentration/Comment	Priority for TMDL Development	Parameters of Concern	Waterbody	Planning Unit	WBID